To the Claims :

1. (original) An active matrix organic electro-luminescent display panel, comprising:

a pixel structure layer, disposed on a substrate, wherein the pixel structure layer comprises an active device matrix and an anode pattern layer;

an organic light-emitting layer, disposed at least over the anode pattern layer, wherein the organic light-emitting layer comprises at least a first organic light-emitting pattern, at least a second organic light-emitting pattern and at least a third organic light-emitting pattern; and

a cathode layer, disposed on the organic light-emitting layer, wherein the cathode layer comprises a first cathode pattern disposed on the first organic light-emitting pattern, a second cathode pattern disposed on the second organic light-emitting pattern and a third cathode pattern disposed on the third organic light-emitting pattern, and the first, the second and the third cathode patterns are not connected to each other.

2. (original) The display panel of claim 1, wherein the first, the second and the third cathode pattern are each electrically connected to a corresponding voltage source.

3. (original) The display panel of claim 1, further comprising a plurality of cathode lines electrically connected to the first, the second and the third cathode pattern respectively.

4. (original) The display panel of claim 1, further comprising a partition rib structure disposed over the active device matrix and the anode pattern layer so that the first, the second and the third organic light-emitting pattern are isolated from each other.

5. (original) The display panel of claim 4, wherein the partition rib structure further isolates the first, the second and the third cathode pattern from each other.

6. (original) The display panel of claim 4, wherein the top surface of the partition rib structure has a width greater than of the bottom surface of the partition rib structure.

7. (original) The display panel of claim 1, wherein the first, the second and the third organic light-emitting pattern are fabricated using red light-emitting material, green light-emitting material and blue light-emitting material respectively.

8. (original) The display panel of claim 1, wherein the active device matrix comprises a thin film transistor array.

9-20. (cancelled)